

Part # 9318-0200 Thermostat Fan Controller

Installation & Operating Instructions:

Mount the temperature controller at a location within the cabinet where the temperature is to be monitored. Pick an area that best represents the cabinet temperature as the controller has an internal bi-metal element that measures the temperature at the location where it is mounted. The universal mounting plate will fit numerous locations within the cabinet ... EIA rails (Fig 1 & 3), panel opening hole pattern (Fig 2) in either a vertical or horizontal position using two 10-32 x 1/2" long pan head machine screws, nuts and washers provided. Avoid mounting the controller on uneven surfaces that could twist the back mounting plate and cause the internal bi-metal element to malfunction.

Next, position the duplex outlet housing at a location in close proximity to the fans. The outlet housing is also designed to mount to the EIA rail (Fig 4) or the cabinet side panel opening (Fig 5) in a vertical or horizontal position. After securing the outlet housing in position, plug in the fans that will be controlled by the thermostat controller.

The power cord can now be routed to a 120 Volt AC power source and plugged in.

Electrical leads should not be pulled taut; allow slack to accommodate temperature change and vibration.

Check the controller operation by adjusting the thermostat knob until the fans come on. The dial position or reading at the point that the fans turn on is the current ambient temperature. Next, turn the dial to adjust the temperature setting up or down depending on where the desired "fan on" setting should be. There is a three-degree F differential in the control. The temperature must drop three degrees below the setting before the switch will open and the fans will turn off. When the temperature rises to the setpoint, the switch will close turning the fans on.

Once the desired temperature setting is achieved, operation is automatic and no further adjustment is required.



Voltage Input/Output:	120 Volt AC, 60Hz
Relay Load Max (All Fans):	10 Amp Combined Load
Control Temperature Range:	-10F to 100F
Differential:	3 degree F non-variable
Internal Temperature Sensor:	Bi-Metal Element



Fig 1



Fig 2



Fig 3



Fig 4



Fig 5